

Navian Marketing Report

～5G 普及で変貌する RF 回路構成

Front End Module と高周波部品市場の中期展望～

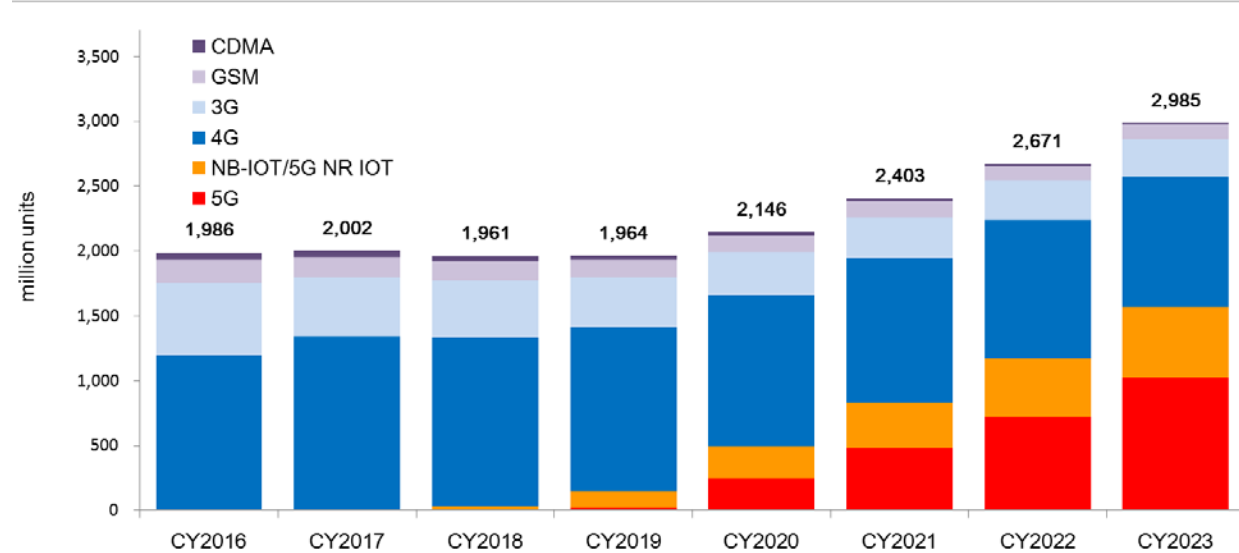
RF Devices/Modules for Cellular 2018-2019

2019年10月16日発行

本レポートで対象とする RF Devices / Modules

- ①Front end Module (ASM・RX Module・TX Module・PAiD・PAMiD・FEMiD・Multiplexer・Antenna Multiplexer・5G TX Module/PAMiF) ②Antenna Switch (For Main RF・For RX Diversity) ③Power Amplifier Module ④Duplexer(SAW/BAW/IHP) ⑤Band Pass Filter(SAW/BAW/IHP/LTCC for Sub 6GHz/IPD for Sub 6GHz) ⑥TCXO

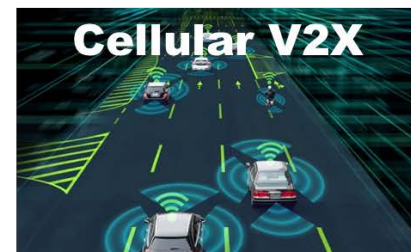
Cellular Terminal Shipment Forecast by Standard



New Product X
表示や入出力がSmart phone等の既存のMobile機器とは一線を画す5G時代を牽引する新型機器の登場を予想。



Cellular LPWA IOT
NB-IOTを中心にCellular対応のIOTの市場が大きく拡大する。IOTでは、GPSの需要も期待できそう。



Cellular V2X
Cellular V2Xは、LTEの採用がこれからといった段階。WiFiベースの802.11pとの競合もあり、需要規模は限定的。



Cellular PC/Tablet
5Gの実用化に伴って、Tablet・Notebook PCのCellular搭載が本格化。Notebook PC・Tablet市場を刺激するカンフル剤に。



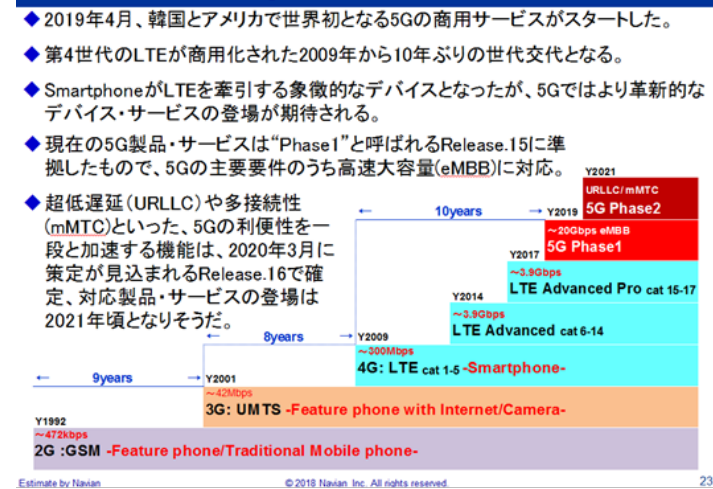
Smart phone
5Gの採用が最も期待される製品。ただ、ミリ波についてはスペース・コスト・消費電力の面から限定的との見方が強い。



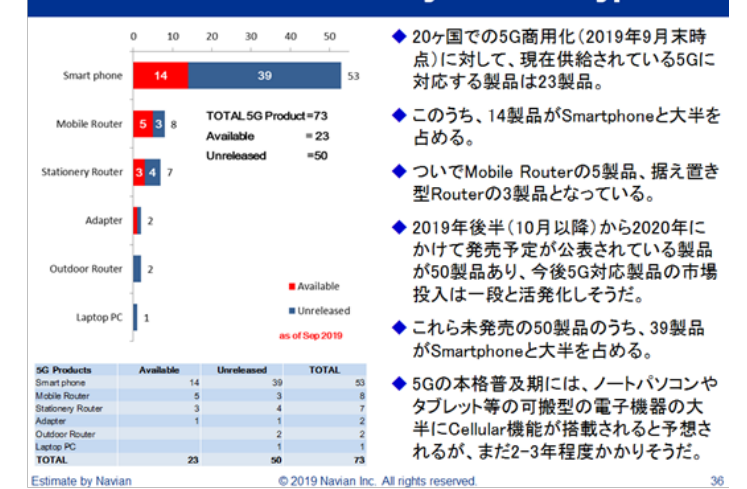
Traditional Handset
5Gの採用は最後発となる。またミリ波の採用もなく、Sub 3GHz又はSub 6GHzの採用に止まる。

Report Sample

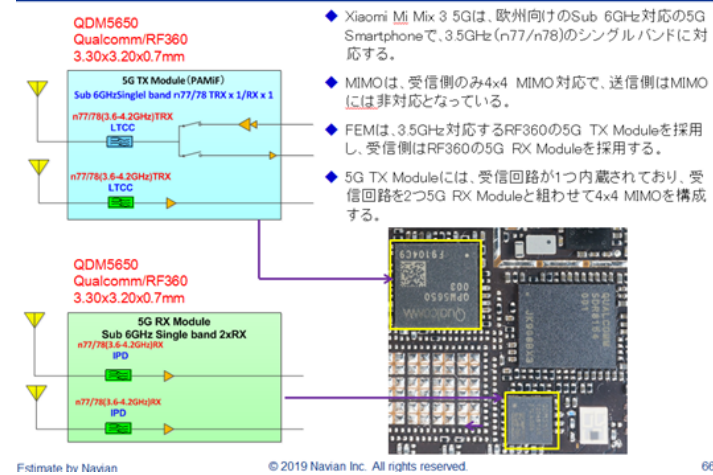
Road map of Cellular Standard



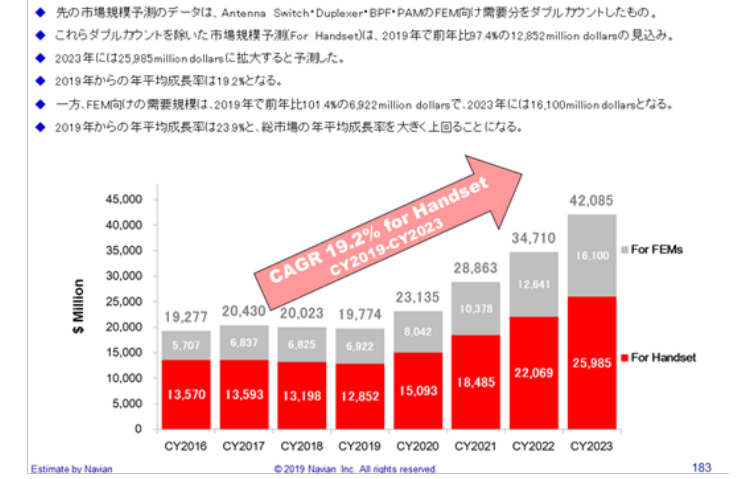
5G Products Status by Product Type



Sub 6GHz RFFE of Huawei Xiaomi Mi Mix 3 5G M1810E5GG



RF Devices / Modules Total Market Forecast - For FEMs / For COB -



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■資料発刊要領

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 - ① 190,000円(税別)四半期レポート年間購読のお客様
 - ② 240,000円(税別)過去1年以内に四半期レポート購入履歴のあるお客様
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■お問い合わせ・お申し込み先

有限会社 ナビアン

担当: 安藤 嘉泰 andoh@navian.co.jp

〒167-0041 東京都杉並区善福寺 2-18-2

TEL 03-5303-1303 FAX 03-5303-1304

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